

#### ABSTRACT

A method for separating and purifying a nucleic acid, which comprises: (1) adsorbing the nucleic acid to a nucleic acid adsorbing porous membrane by passing a sample solution containing the nucleic acid through the nucleic acid adsorbing porous membrane; (2) washing the nucleic acid adsorbing porous membrane by passing a washing solution through the nucleic acid adsorbing porous membrane, while the nucleic acid is adsorbed to the nucleic acid adsorbing porous membrane; and (3) desorbing the nucleic acid from the nucleic acid adsorbing porous membrane by passing a recovering solution through the nucleic acid adsorbing porous membrane, wherein the nucleic acid adsorbing porous membrane is a porous membrane that has a contact angle of 60 degree or less after 17 m seconds of contact of the porous membrane with 3  $\mu$ l of water dropped to the porous membrane.